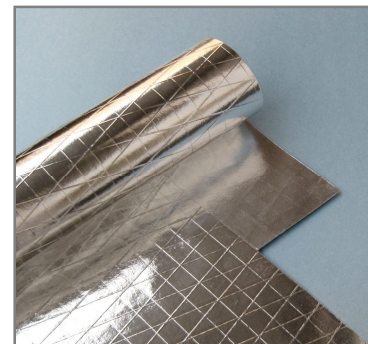


# CT-FOIL-410AR

## FLAME RETARDANT RADIANT BARRIER AND VAPOR RETARDER

### TYPICAL APPLICATION:

- ◆ Heavy duty flame retardant reflective insulation (radiant barrier) and vapour retarder. May be used in combination with different types of fiberglass, mineral wool and foam insulation.



Product Composition	Description	Values (English)	Values (Metric)
Foil	Aluminum	0.28 mil	7 micron
Reinforcing	Tri-directional Fiberglass	2 / inch (MD) 3 / inch (XD)	8 / 100mm 12 / 100mm
Adhesive	Flame retardant	-----	-----
Kraft	Natural	60 lbs / 3000 ft <sup>2</sup>	100 g/ m <sup>2</sup>
Adhesive	Flame retardant	-----	-----
Foil	Aluminum	0.28 mil	7 micron

Physical Properties	Test Method	Values (English)	Values (Metric)
Basis Weight	Scale	34.8 lbs / 1000 ft <sup>2</sup>	170 g/ m <sup>2</sup>
Permeance (WVTR)	ASTM E96, Procedure A	0.02 perm	1.15 ng/N.s
Tensile Strength - MD	ASTM D828	58 lbs/In	255 N/25mm
Tensile Strength - XD	ASTM D828	29.5 lbs/In	130 N/25mm
Bursting Strength	ASTM D774	79.8 psi	55 N/cm2
Low Temperature Resistance	ASTM D1790 4 hrs @ -40 °F (- 40 °C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	ASTM D1790 4 hrs @ +240 °F (+116 °C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Dimensional Stability	ASTM D1204 @ 150F (65C)	Less than 0.5%	Less than 0.5%
Emissivity	ASTM E408	0.03	0.03
Fire rating	UL 723 & BS 476 Pt. 6&7	Less 25/50 – passed, class "0"	Less 25/50 – passed, class "0"

Available Roll Width	Values (English)	Values (Metric)
	49.2", 53.1"	1.25m, 1.35m

1. The data above are typical results from tests conducted on samples taken from production runs of tape and may be updated without notice. Typical values are not intended to be used for specification development.
2. The product should be stored in the original packaging material at 20 +/- 5°C and 40-60% relative humidity and protected from direct sunlight, heat and moisture.
3. The user is responsible for determining whether the product is fit for a particular surface and suitable for user's application. The user should make necessary tests and trial-application of the product to confirm suitability for user's special purpose and method of application.
4. Calem Technology warranty that the product is free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year after the initial date of shipment, Calem Technology shall, upon notification thereof and substantiation that the product have been stored and applied in accordance with the above requirements, at Calem Technology discretion, replace or credit the product's purchasing price equivalent.
5. Limitation of liability. Calem Technology Inc. and seller of CT Tape products will not be liable for any loss or damage arising from the CT Tape product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



CT FOIL

1-604-277-6643  
186-8120 No. 2 Road  
Richmond, BC  
V7E 3E6, Canada